



Student Achievement Results 2018-2019

Mark Friese, SHS Principal

Mary Anne Butler, Assistant Superintendent

Stonington Public Schools

We Believe in You



Outcomes

- Update on SBAC scores
- Share SAT results
- Review AP participation and results
- Connect results to District Goals and next steps



The Metrics of the Smarter Balanced Assessments

- Performance
- Growth rate
- Average Percentage of Target Achieved



The Metrics of the Smarter Balanced Assessments

Performance Scores

- Levels 1(lowest) to 4 (highest)
Does not meet, approaching, meets, exceeds
- Percentage of students at 3 or 4 (met/exceeded)



The Metrics of the Smarter Balanced Assessments

Growth rate: The percentage of students who reached their target score regardless of performance level.



The Metrics of the Smarter Balanced Assessments

Average % of Target Achieved: of all students tested the average percentage of their target achieved. (Not a percentage of students.)



- Performance at 3 or above

All students	2015-16	2016-17	2017-18	2018-19
State of CT-ELA	55.6	54.2	55.3	55.7
Stonington-ELA	71.6	74.7	74.7	77.1
State of CT-Math	44.0	45.6	46.8	48.1
Stonington-Math	63.1	65.8	63.4	66.4



Stonington's Growth Rate

All students	2015-16	2016-17	2017-18	2018-19
Grades 4-8				
ELA	45.2%	41.6%	41.7%	48.8%
Math	47.8 %	42.0%	38.2%	51.3%



Stonington's Average % of Target Achieved

All students	2015-16	2016-17	2017-18	2018-19
Grades 4-8				
ELA	61.4%	59.0%	58.8%	67.2 %
Math	69.2%	60.0%	54.4%	69.7%



How are we doing in the region?



Our Takeaways

- Our students are high school ready
- Data-driven decisions are moving things in a positive direction (growth in mathematics)
- Curriculum support matters
- Moving students forward at all performance levels
- Focusing on our district goals is making a difference



High School SAT/AP Report

- Understanding Proficiency
- SAT Suite Results
 - School Day Score Report
 - Growth Data
 - Where we stand
- AP Scores Report



SAT Benchmarks

- ERW (Evidenced Based Reading Writing):
 - Students that meet or exceed the ERW benchmark have a 75 percent chance of earning at least a C in first-semester, credit-bearing college courses in history, literature, social sciences, or writing classes..



SAT Benchmarks

- Math:
 - Students who meet or exceed the Math benchmark will have a 75 percent chance of earning at least a C in first-semester, credit-bearing college courses in algebra, statistics, pre-calculus, or calculus.



High School SAT/AP Data

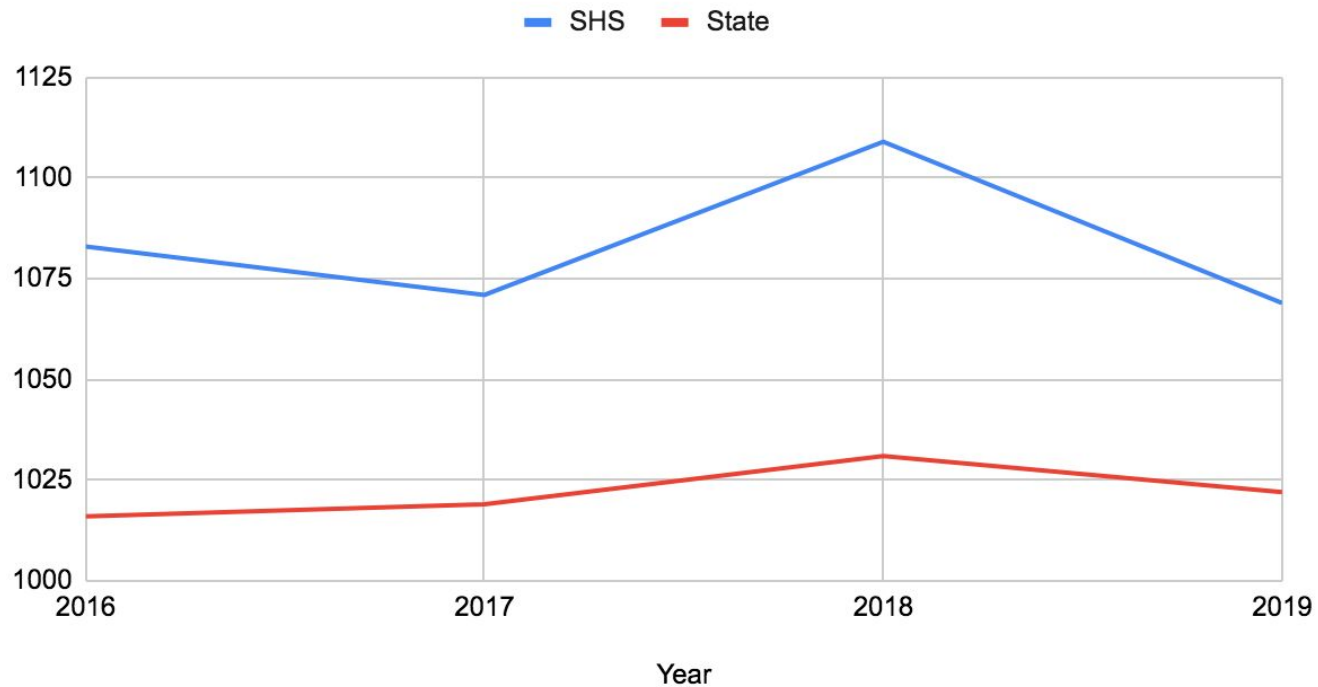
SAT Data

	# Tested	ERW SHS State	Mathematics SHS State
2019 School Day SAT Avg.	163	552 514	532 501
SHS/State Comparison % at level 3/4 Met/Ex goal	163	76% 62%	53% 40%
		32nd of 178 Districts Reported	32th of 178 Districts Reported



High School SAT Data

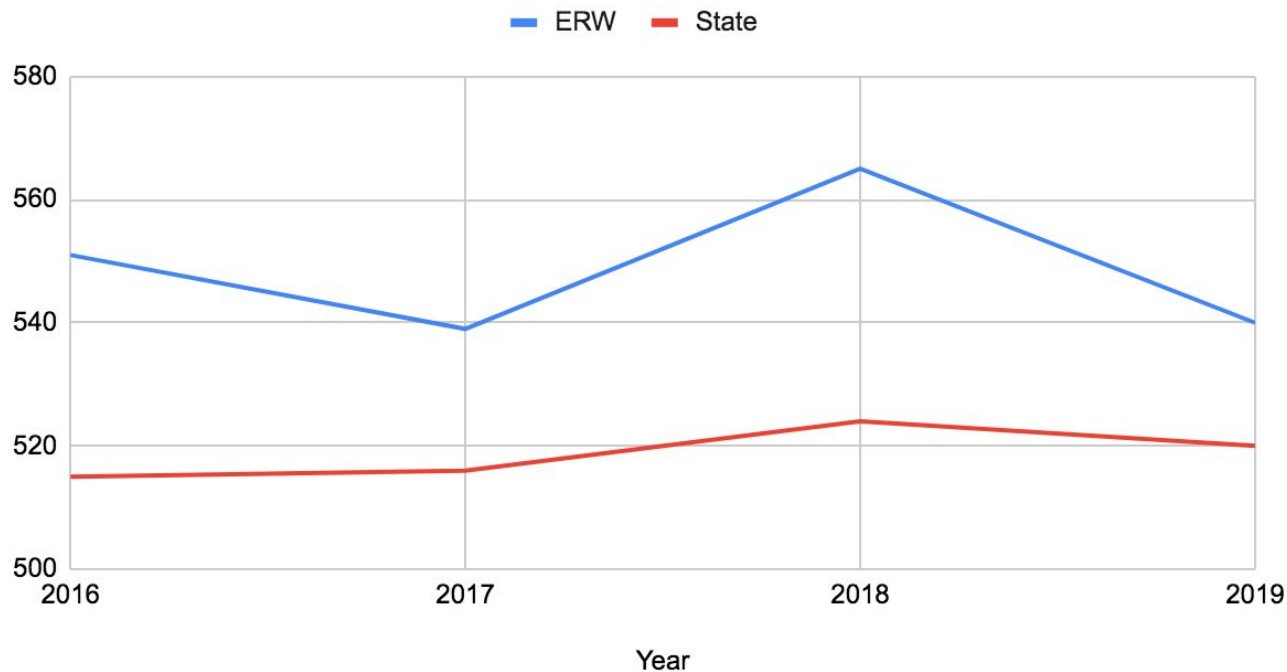
SAT Composite Scores





High School SAT Data

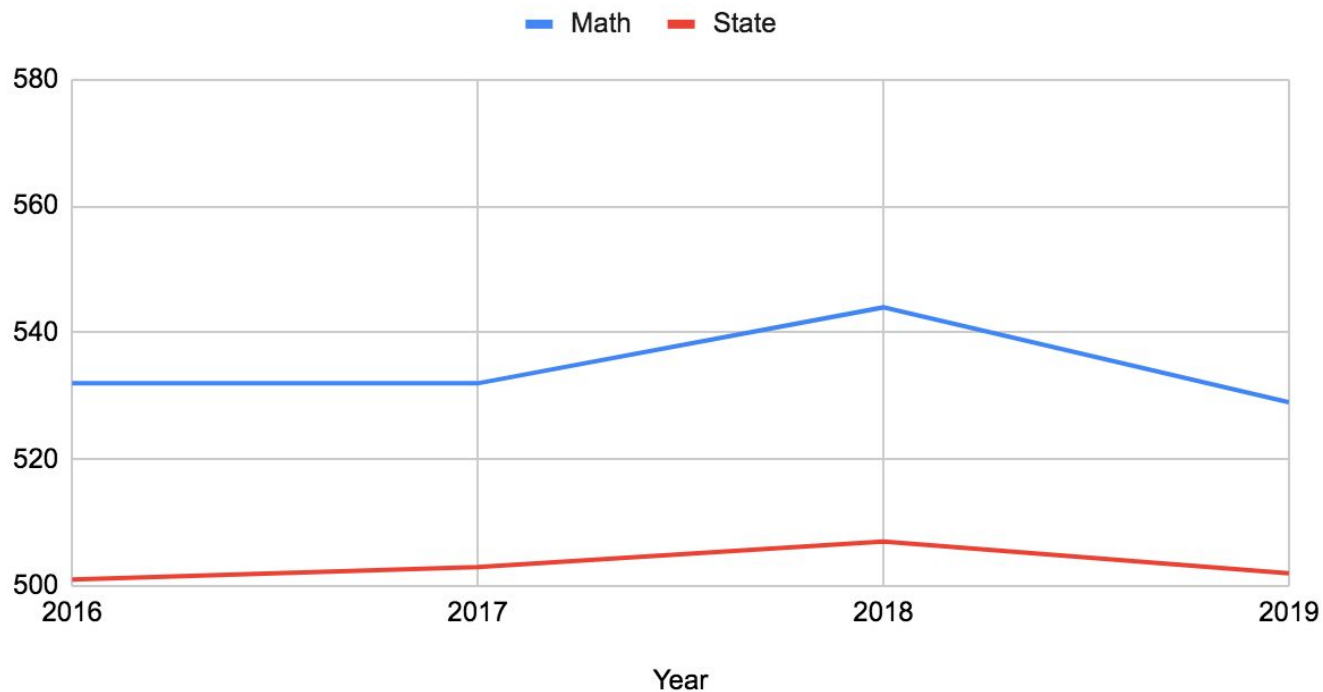
ERW and State





High School SAT/AP Data

Math and State



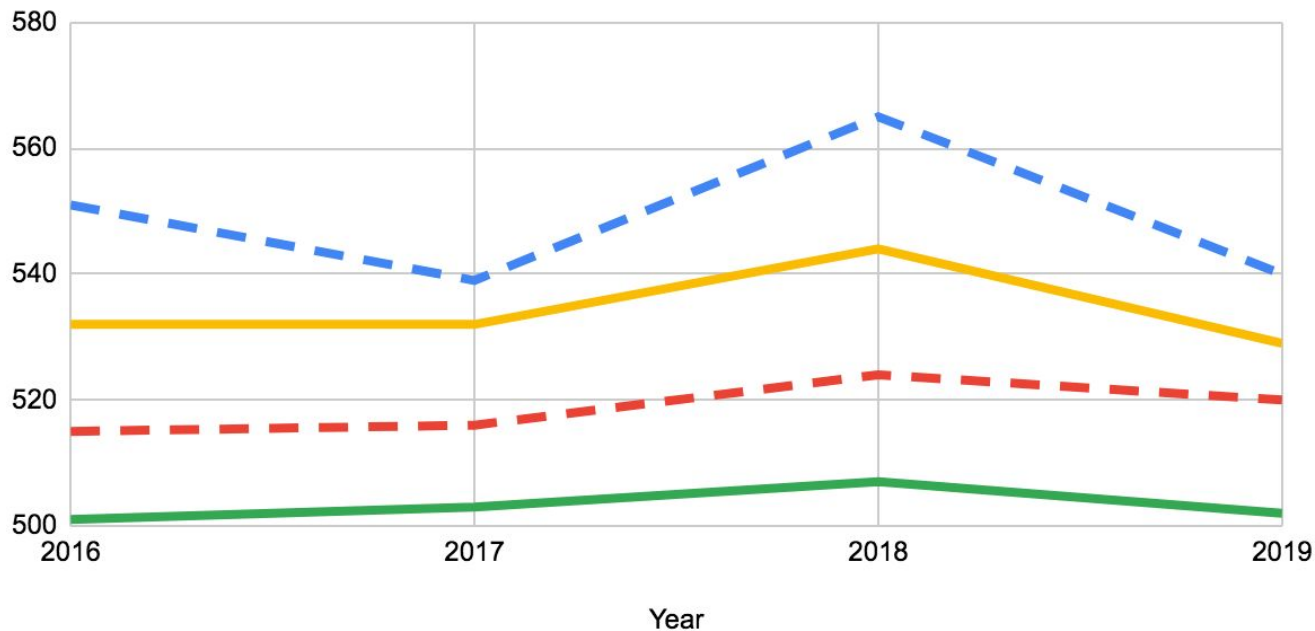


High School SAT Data

Comparison of Differences

ERW ERW State Math Math State

ERW Diff.	Math Diff.
+37	+31
+23	+29
+41	+37
+20	+27





High School PSAT Data

PSAT 9/10 Data Trends

	PSAT 9		PSAT 10	
Year	ERW	Math	ERW	Math
2019	484	477	524	508
2018	500	469	524	500
2017	503	473	517	497



Long-Term Growth

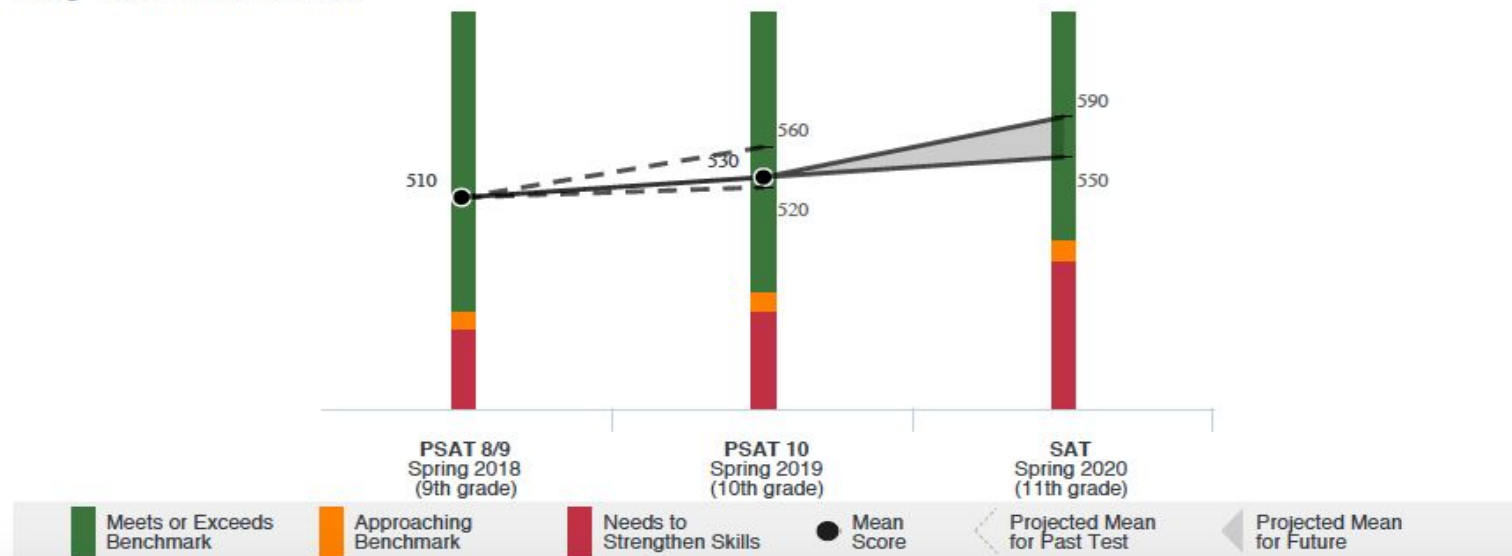
The graph and table below show how your student's mean scores changed between tests and display a projected score range for a future test. These are the mean scores of students who took the same tests in the same season.

At Stonington High School, this group includes **137 students in the class of 2021**.

When they took the **PSAT 10 Spring 2019 in 10th grade** their mean ERW score was **530**, which **meets or exceeds the benchmark**. It's also **within the range projected** from their previous test.

We project a mean score between **550 and 590** — which meets or exceeds the benchmark — when these students take the **SAT in Spring 2019**

Long-Term Growth: Chart





Long-Term Growth

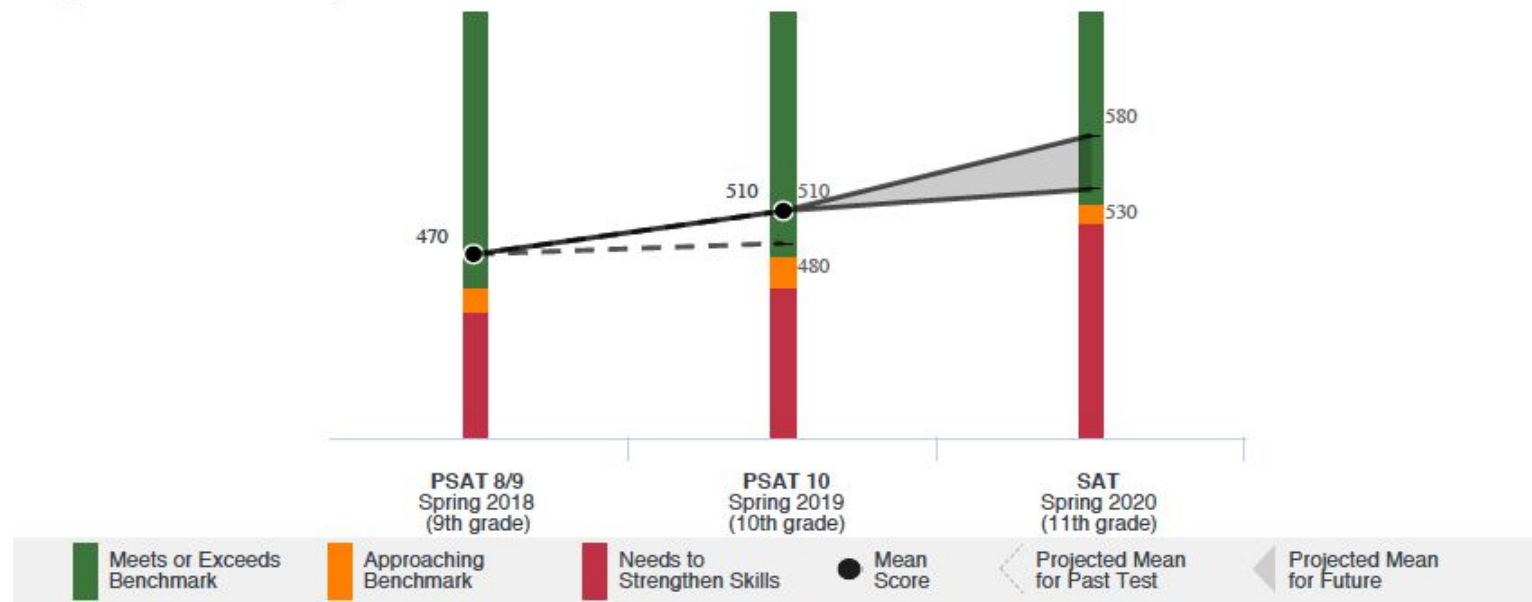
The graph and table below show how your student's mean scores changed between tests and display a projected score range for a future test. These are the mean scores of students who took the same tests in the same season.

At Stonington High School, this group includes **137 students in the class of 2021**.

When they took the **PSAT 10 Spring 2019 in 10th grade** their mean Mathscore was **510**, which **meets or exceeds the benchmark**. It's also **within the range projected** from their previous test.

We project a mean score between **530 and 580** —which meets or exceeds the benchmark — when these students take the **SAT in Spring 2019**

Long-Term Growth: Graph





High School SAT School Comparison

SAT ECC /REGION COMPARISON 2019

UPDATE

GO

Math		ERW	
Marine Science	557	Marine Science	589
Wheeler	549	Wheeler	572
Stonington	537	Stonington	559
East Lyme	534*	East Lyme	554*
Woodstock Academy	528	Bacon Academy	532
Waterford	515	Waterford	525
Bacon Academy	509	Woodstock Academy	520
Lyman	506	Montville	520
Fitch	502	Ledyard	518
Ledyard	499	Lyman	518

SAT DRG COMPARISON 2019

GO

Math		ERW	
E. O. Smith	577	Hall	581
Farmington	574	Farmington	577
Hall	566	E.O. Smith	559
Conard	555	Stonington	559
Stonington	537	Conard	558
Southington	533	Berlin	540
Shelton	529	Joseph A. Foran	536
Old Saybrook	528	Shelton	535
Rocky Hill	523	Southington	533
Bethel	523	Old Saybrook	532



High School AP Data

AP Test Data

○ AP Scholar Report

	AP Scholar				AP Scholar with Honor				AP Scholar with Distinction				Total AP Scholars			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
# of Scholars	16	13	23	23	11	8	17	15	3	12	11	14	30	33	51	53
Average Score	3.37	3.73	3.64	3.63	3.93	3.83	3.97	3.94	4.11	4.22	4.38	4.38				

***2018- 1 National AP Scholar Average Score 4.67**

***2019 1 National AP Scholar Average Score 5**

AP Scholar- Must score of 3 or higher on three or more AP Exams.

AP Scholar with Honors- Must have an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.

AP Scholar with Distinction- Must have an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

National AP Scholar-Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, and 4 or higher on eight or more of these exams.



High School AP Data

○ Multi-Year Report

Year	2012	2013	2014	2015	2016	2017	2018	2019
Total AP Students	132	149	127	125	120	139	155	158
Number of Exams	207	224	207	211	189	230	264	289
Students 3+	100	127	107	100	104	121	131	134
% Students 3+	75.8	85.2	84.3	80	86.7	87.1	84.5	85
% CT Students 3+	74.7	74.8	74.4	72.7	72.6	72.2	71.2	—
% Global Students 3+	61.5	60.9	61.3	60.7	60.3	60.3	61.3	—



High School AP Data



9th Annual
**AP[®] District
Honor Roll**

College Board's
AP[®] Computer Science
Female Diversity Award



Real World Outcomes





Next Steps...

- Continue the development of a robust and comprehensive K-12 curricula
- Monitor the implementation of student-centered learning strategies at all tiers of instruction
- Continue to support a positive district climate for students and staff
- Recruit and retain a highly qualified faculty and staff